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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application: SERIES-RESONANT INVERTER BALLAST

Inventor: OLE K. NILSSEN

Serial No: 07/798,869

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Group Art Unit: 2502

Examiner: SHINGLETON, M.

Applicant's Phone Number: 708-658-5615

I, OLE K. NILSSEN, HEREWITH
CERTIFY THAT THE DATE OF
DEPOSIT WITH THE U.S. POSTAL
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Dr

9/30/92

FILE WRAPPER CONTINUATION

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Under paragraph 1.62 of Rules of Practice in Patent Cases,
a "File Wrapper" Continuation Application is herewith filed.

Claims ~~1-46~~ are all cancelled, and new claims 47-55 are
presented. All claims as currently pending are presented by way
of the attached document entitled CLAIMS in FWC of Serial No.
07/798,869.

Also attached hereto is Statement re Small Entity Status
as well as a check for \$345.00 (Check #4184) to cover the
application fee.

REMARKS

New claims 47-55 are all directed toward features that are
neither disclosed nor suggested by any of the cited references.

For instance, claim 47 defines an inverter output voltage
whose waveform is carefully defined to have four distinct time
segments -- just as does the waveform of Canup's Fig. 4. However,
the inverter providing this inverter output voltage has a
periodically conducting transistor that does not conduct
current at any time during the parts of the waveform when the
instantaneous magnitude is either rising or falling. This feature
is in direct contrast with Canup, who accomplishes the gradually